

New York State Department of Environmental Conservation

Region 4, 2176 Guilderland Ave., Schenectady, NY 12306
(518) 382-0680



Thomas C. Jorling
Commissioner

SEQR
617.21
Appendix F
State Environmental Quality Review
NEGATIVE DECLARATION
Notice of Determination of Non-Significance

Project #4-0103-00016/00016-0

Date January 23, 1992

This notice is issued pursuant to Part 617 of the implementing regulations pertaining to Article 8 (State Environmental Quality Review Act) of the Environmental Conservation Law.

The Department of Environmental Conservation, as lead agency, has determined that the proposed action described below will not have a significant effect on the environment and a Draft Environmental Impact Statement will not be prepared.

Name of Action: Norlite Corporation
Modification of 373 Hazardous Waste/Air Pollution Control Permits

SEQR Status: Type I ☐
Unlisted ☐

Conditioned Negative Declaration: ☐ Yes
☐ No

Description of Action: Air Pollution Control Permit Modification to increase allowable in contaminant concentrations for five metals found in the hazardous waste fuel (IGF) burned in the lightweight aggregate manufacturing process. The increases are:

<u>METAL CONTAMINANT</u>	<u>CONCENTRATION (IN PPM) UNLESS OTHERWISE</u>	
	<u>EXISTING</u>	<u>NEW</u>
Arsenic	1.7	25
Chromium	200	500
Copper	490	1,000
Mercury	4.5	45
Nickel	440	600
Selenium	.36	25
Zinc	100	1,000

Location: (Include street address and the name of the municipality/county. A location map of appropriate scale is also recommended.) South Saratoga Street, City of Cohoes, Albany County

Reasons Supporting This Determination:

[See 617.6(g) for requirements of this determination; see 617.6(h) for Conditioned Negative Declaration]

See Attached

If Conditioned Negative Declaration, provide on attachment the specific mitigation measures imposed.

For Further Information:

Contact Person: William J. Clarke, Regional Permit Administrator

Address: NYSDEC, Region IV Headquarters, DRA
2176 Guilderland Avenue
Schenectady, NY 12306

Phone: (518) 382-0680

For Type I Actions and Conditioned Negative Declarations, a Copy of this Notice Sent to:

Commissioner, Dept. of Env. Conservation, 50 Wolf Rd., Albany, NY 12233-0001

Appropriate Regional Office of the Department of Environmental Conservation

Office of the Chief Executive Officer of the political subdivision in which
the action will be principally located: The Honorable Robert Signoracci,
Mayor, City of Cohoes

Applicant (if any):

Other involved agencies (if any):

A:NORLITE.NGD

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REASONS SUPPORTING THIS DETERMINATION:

1) Norlite is required by a 1989 Order on Consent (R4-0684-89-08) to upgrade the lightweight kilns to Best Available Control Technology (BACT) prior to burning anymore hazardous waste. Kiln #2 has been upgraded and successfully passed a trial burn stack test. Kiln #1 is scheduled to be upgraded in 1992. The air pollution permit emission limits are more stringent than the currently permitted levels (see Table 6-2 from "Allowable Metals Concentrations in the Shale and Low Grade Fuel (LGF) Used at the Lightweight Aggregate Plant, December, 1991). The new permit emission limits are also in accord with the requirements of NYS Air Guide I and Federal BIF (Boiler Industrial Furnace) regulatory limits (see Table 6-7 *ibid*). Furthermore, the potential air emissions are at levels which are considered to be within acceptable potential additional human health carcinogenic and non-carcinogenic risk levels (See Human Health Risk Assessment, 12/91. Acceptable risk levels under policy is 1 in 100,000 with an emission source utilizing BACT).

2) The amount of hazardous waste fuel stored or incinerated at the facility will not increase over existing permitted levels.

3) Plant capacity, wastes generated, air pollution emissions and effluent discharges will not increase. As described above, air pollutions emissions will be at or lower than currently permitted maximums.

4) Norlite is subject to a 1990 Department Order on Consent (R4-0768-90-03) which requires the Company to control its effluent discharges to the Salt Kill to acceptable levels. A modified SPDES permit has just been issued by the Department, in a separate regulatory action, which requires the Company to submit within 6 months plans for a wastewater treatment system. The system must be completed and operational within 1 1/2 years.

5) The HW/APC draft permit conditions and the Norlite SPDES permit require that prior to the Company's use of higher metals concentration feed rates in the hazardous waste fuel (see Module VII of the HW/APC permit) they must either:

- * Operate a wastewater treatment system in compliance with its SPDES effluent discharge standards and operating conditions; or

- * Demonstrate to the Department that the SPDES effluent discharge standards will be achieved by use of interim effluent discharge control measures or that no measures are necessary. Stringent water quality monitoring requirements in the SPDES permit for metals and PCB's will enhance the Department's control over this facility.

6) There will be no significant impacts to historic and archaeologic resources or to plant and animal habitats or to any other resources as this proposed action involves operational changes only.